

# LEXRON

## 6.2KW - 11KW MPPT INVERTER DATASHEET



Model	7.5KVA / 6200W (MPS-VIII ECO 6.2KW)	12.5KVA / 11000W (MAX E-11K)
AC Voltage Range	230VAC	230VAC
Selectable Voltage Range	90-280VAC	90-280VAC
Frequency Range	50Hz / 60Hz	50Hz / 60Hz
Efficiency (Peak)	%98	%98
Surge Power	12000VA	22000VA
Battery Voltage	48VDC	48VDC
Transfer Time	≤10ms (UPS Mode) / ≤20ms (INV Mode)	≤10ms (UPS Mode) / ≤20ms (INV Mode)
Maximum Pv Input Power	6500W	11000W
Maximum AC Charge Current	60A	60A
Maximum Solar Charge Current	100A	150A
Max. PV Array (Open Circuit Voltage)	500VDC	500VDC
MPPT Tracking Range(Vmp)	120~500VDC	120~500VDC
Dimension, D x W x H (mm)	495x312x125mm	571x500x149mm
Net Weight (kg)	10,5kg	19,5kg
Paralel Kit	YES	YES
Battery Type	External lead acid battery or water battery, or lithium battery	

### Pure sine wave inverter

- Selectable input voltage range for home appliances and personal computers
- Support Working without Battery: Reduce Solar System Cost
- Parallel Function Up to Maximum 9 Units: Enlarge More Loads
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle
- BMS function for lithium battery
- Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging

### ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non - condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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